

MATERIALS AND RESEARCH
DELAWARE DEPARTMENT OF TRANSPORTATION
DOVER, DELAWARE (302) 760-2400

**DETERMINING DENSITY OF HOT MIX ASPHALT SPECIMENS BY MEANS OF THE
GYRATORY COMPACTOR (AASHTO T312) CHECKLIST**

	YES	NO	RECHECK DATE P/F
• Number of gyrations set?	_____	_____	_____
• Mold and baseplate heated in an oven at the required compaction temperature?	_____	_____	_____
• Mix removed from oven and immediately compacted?	_____	_____	_____
• Compacted at required temperature?	_____	_____	_____
• Mold, base plate, and upper plate removed from oven and paper disk placed on bottom of mold?	_____	_____	_____
• Mixture placed into mold in one lift, mix leveled, and paper disk and upper plate placed on top of material?	_____	_____	_____
• Mold loaded into compactor and a pressure of 600 kPa ± 18 kPa applied?	_____	_____	_____
• Mold removed and specimen extruded?	_____	_____	_____
• Paper disks removed?	_____	_____	_____

SUPERVISOR _____

TECHNICIAN _____

DATE _____